

Figure 1

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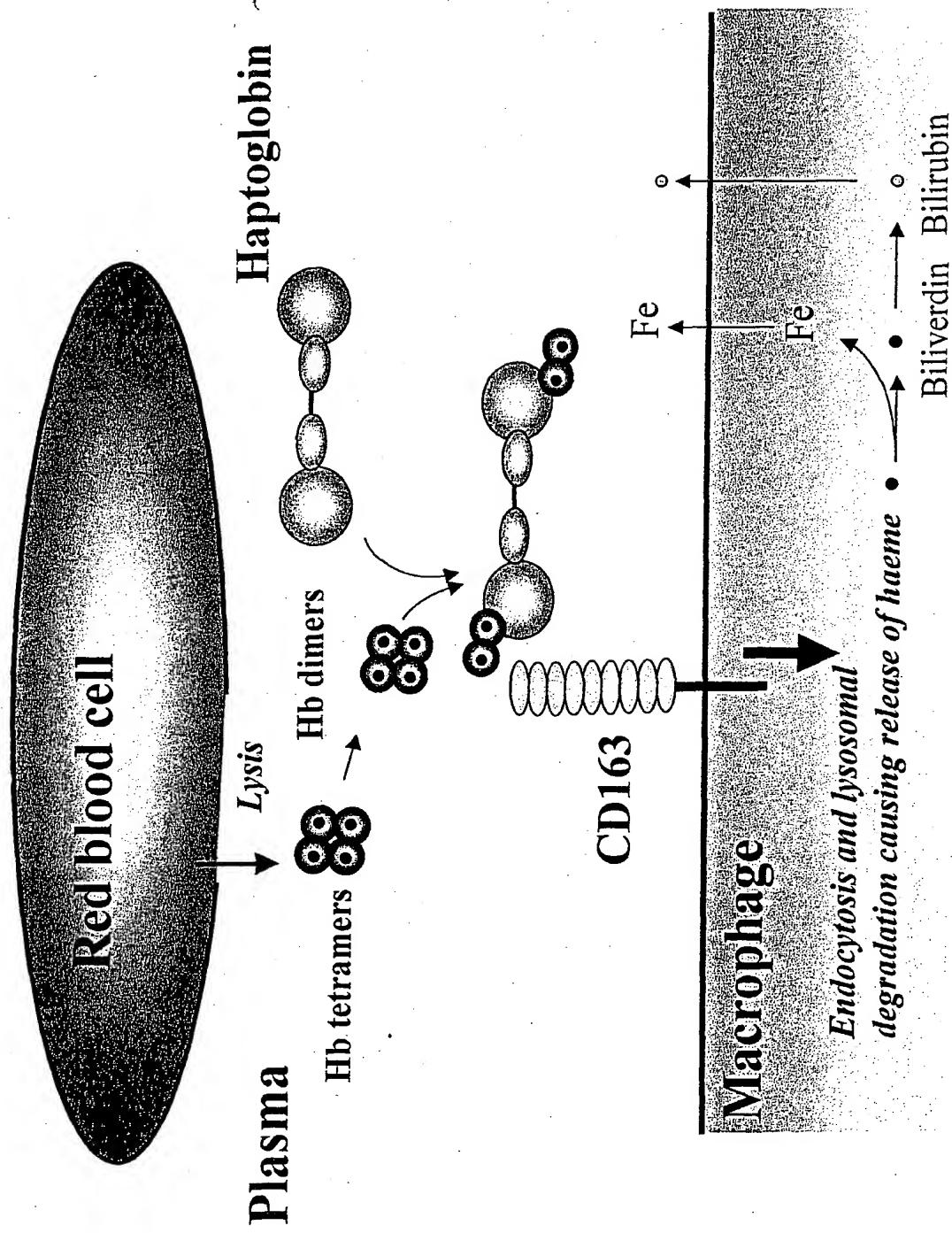


Figure 2

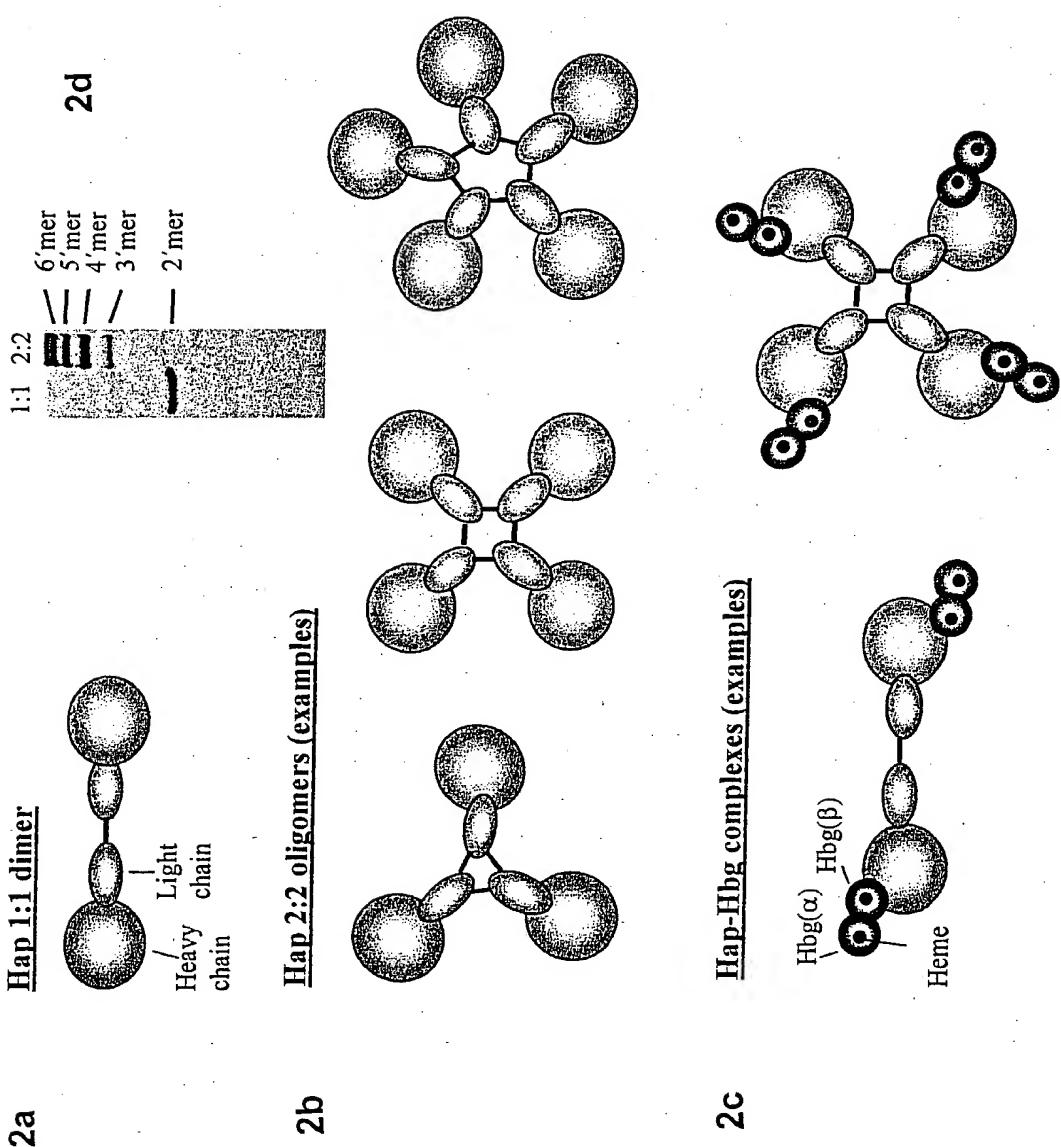
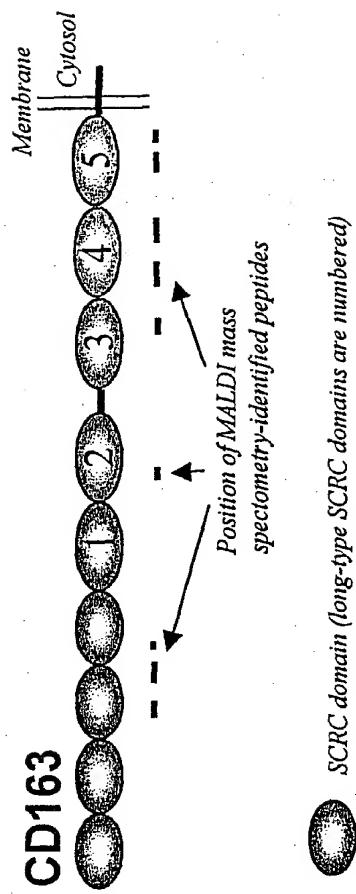


Figure 3



**Figure 4a**

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sp | P00738 | HPT2_HUMAN
sp | P50417 | HPT_ATEGE
tr | Q60574 | Q60574
tr | Q61646 | Q61646
sp | Q62558 | HPT_MUSSA
sp | P06866 | HPT_RAT
tr | O35086 | O35086
sp | P19006 | HPT_CANFA

```

sp	P00737	HPT1_HUMAN
sp	P00738	HPT2_HUMAN
sp	P50417	HPT_ATEGE
tr	Q60574	Q60574
tr	Q61646	Q61646
sp	Q62558	HPT_MUSSA
sp	P06866	HPT_RAT
tr	O35086	O35086
sp	P19006	HPT_CANFA

sp	P00737	HPT1_HUMAN
sp	P00738	HPT2_HUMAN
sp	P50417	HPT_ATEGE
tr	Q60574	Q60574
tr	Q61646	Q61646
sp	Q62558	HPT_MUSSA
sp	P06866	HPT_RAT
tr	O35086	O35086
sp	P19006	HPT_CANFA

sp P00737	HPT1_HUMAN
sp P00738	HPT2_HUMAN
sp P50417	HPT_ATEGE
tr Q60574	Q60574
tr Q61646	Q61646
sp Q62558	HPT_MUSSA
sp P06866	HPT_RAT
tr O35086	O35086
sp P19006	HPT_CANFA

```
sp|P00737|HPT1_HUMAN
sp|P00738|HPT2_HUMAN
sp|P50417|HPT_ATEGE
tr|Q60574|Q60574
tr|Q61646|Q61646
sp|Q62558|HPT_MUSSA
sp|P06866|HPT_RAT
tr|O35086|O35086
sp|P19006|HPT_CANFA
```

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sp|P00737|HPT1_HUMAN
sp|P00738|HPT2_HUMAN
sp|P50417|HPT_ATEGE
tr|Q60574|Q60574
tr|Q61646|Q61646
sp|Q62558|HPT_MUSSA
sp|P06866|HPT_RAT
tr|O35086|O35086
sp|P18062|HPT_CANEN
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**Figure 4b**

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sp P50417 HPT_ATEGE	VHDLEEDTWYAAAGILSFDKSCGVA EYGVYVKATS	I	347
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tr Q61646 Q61646	IHDMEEDTWYAAAGILSFDKSCAVA EYGVYVRATDLKD	WVQETMAKN	347
sp Q62558 HPT_MUSSA	IHDMEEDTWXAAGILSFDKSCAVA EYGVYVRATDLKD	WVQETMAKK	347
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Figure 5a

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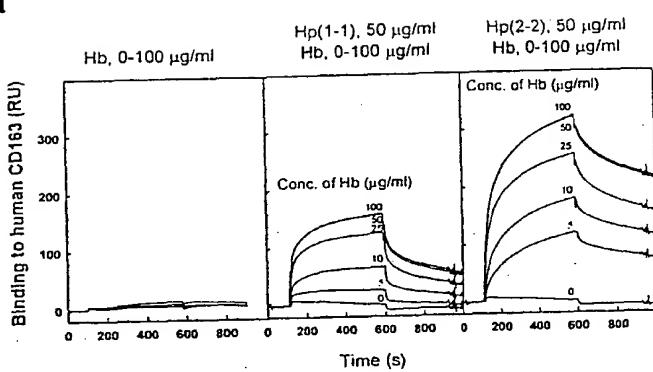
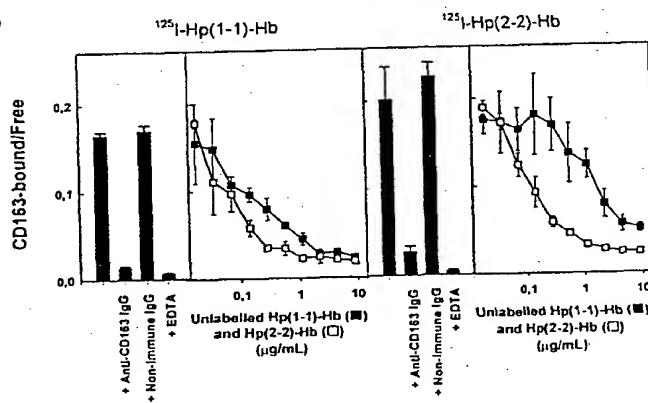
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tr Q07901 Q07901	QCEGHESHLSCPVA PRPEGTC SHSRDVGVC S-----	600
tr Q07900 Q07900	QCEGHESHLSCPVA PRPEGTC SHSRDVGVC S-----	573
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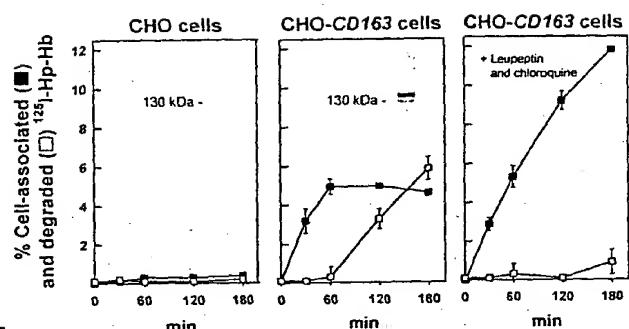
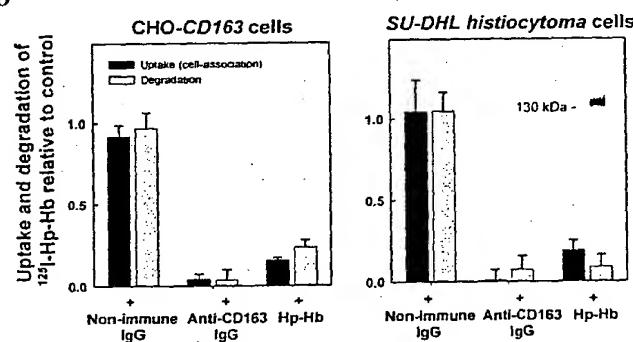
**Figure 5b**

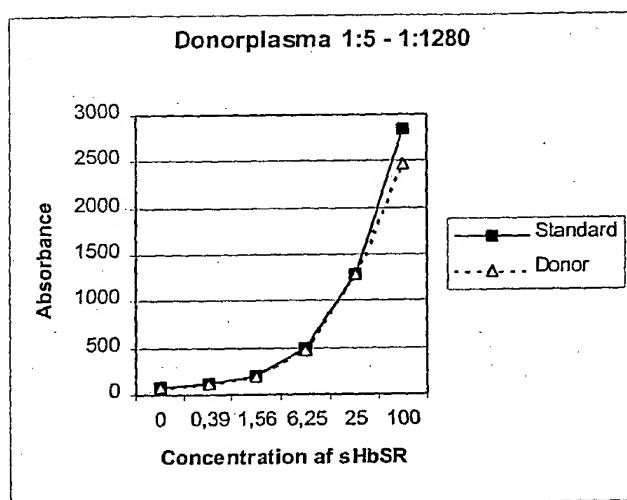
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**Figure 6a****Figure 6b**

**Figure 7a****Figure 7b**

**Figure 8**

## Uptake of Alexa Fluor 488-labeled Hp-Hb in CHO cells expressing HbSR

Fig. 9a

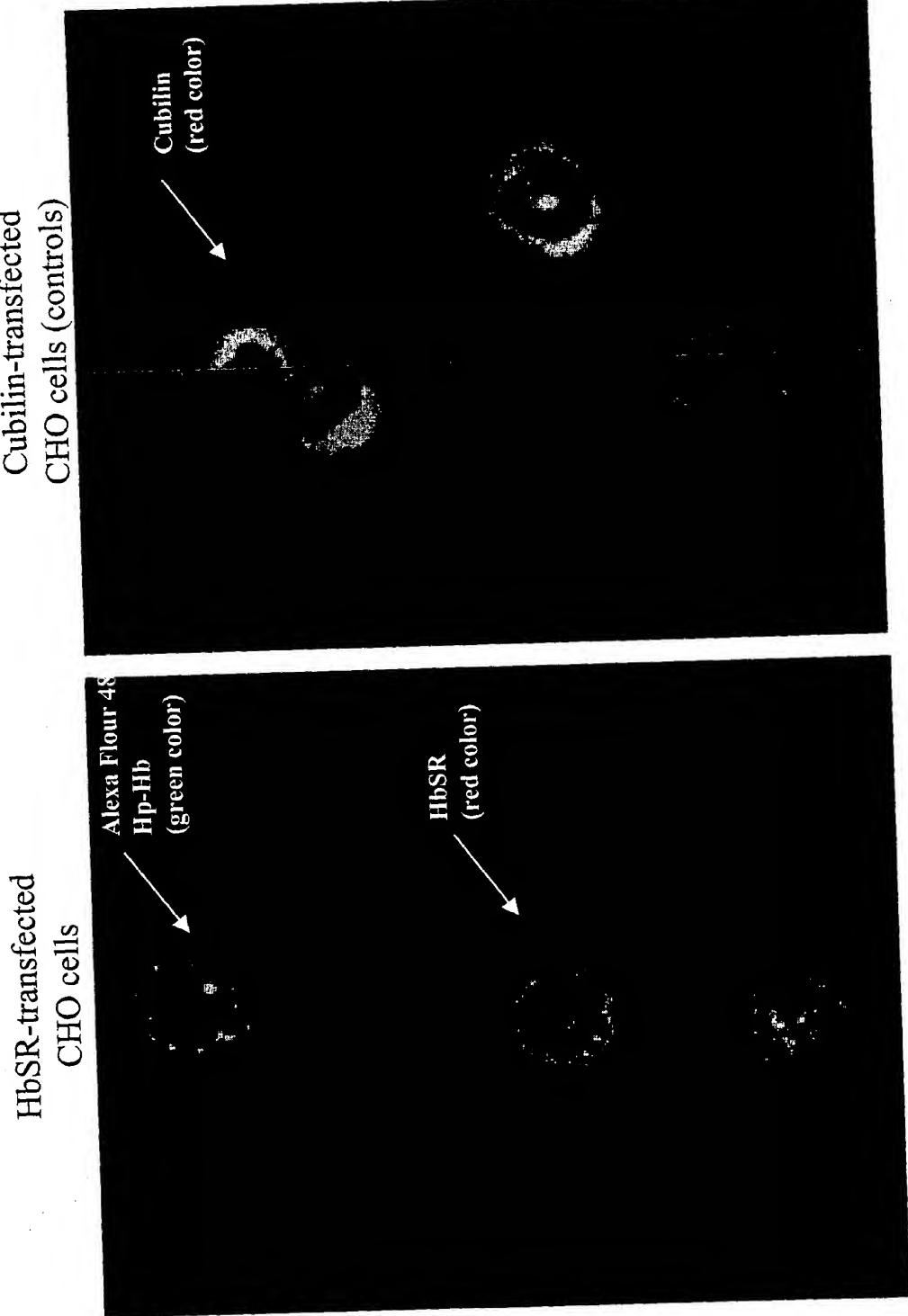


Fig. 10

Binding of Hp(1-1)-Hb to immobilized HbSR purified from placenta or recombinant HbSR derivative corresponding to SRCR domain 1-6

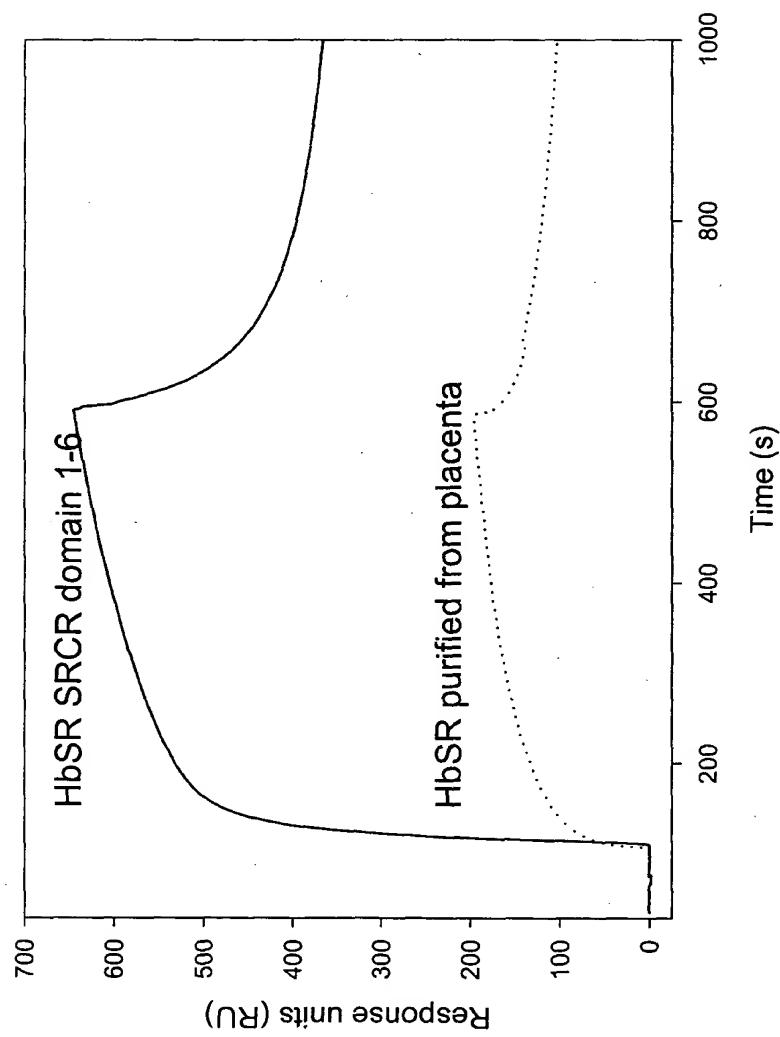


Fig. 11

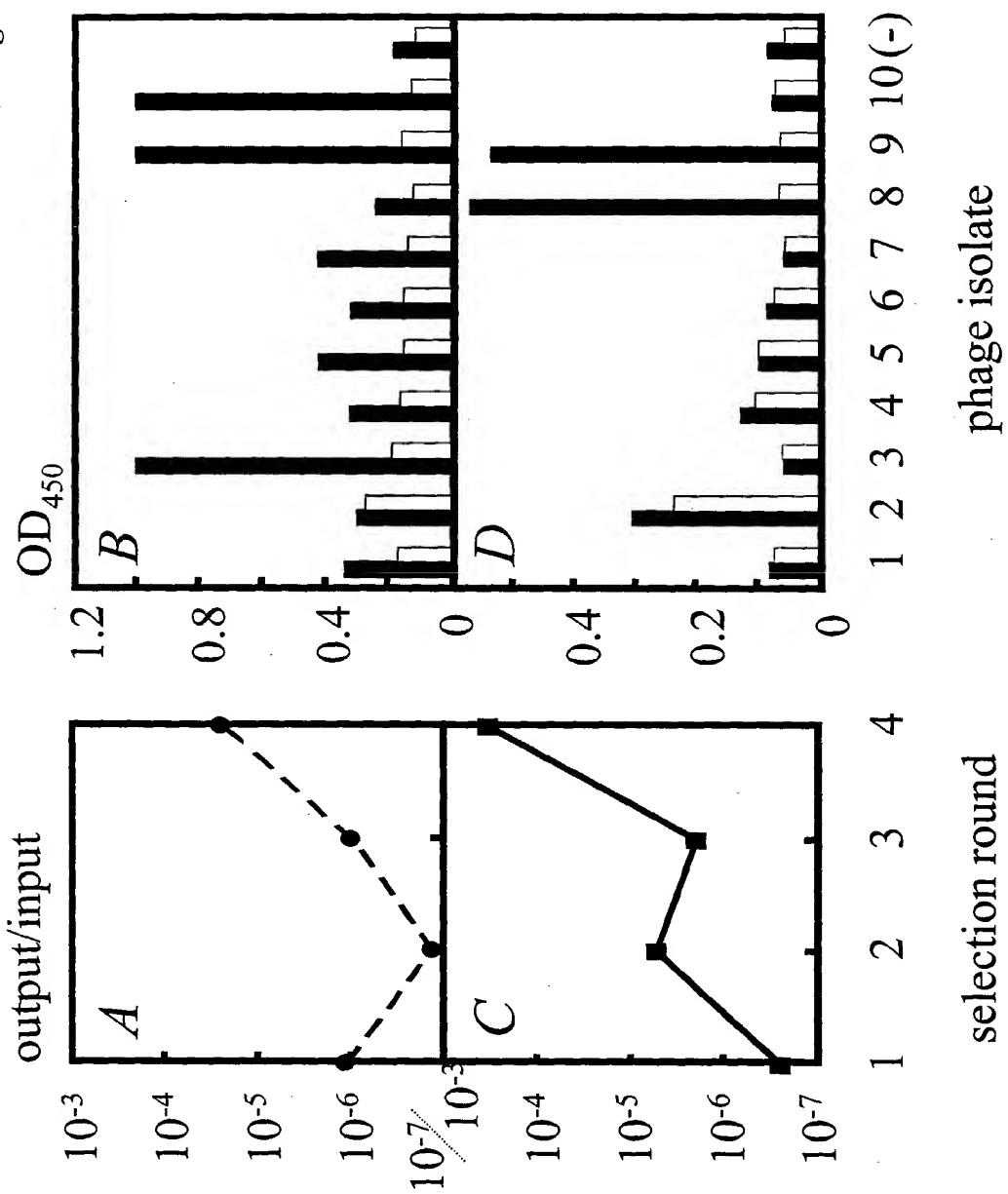


Fig. 12a

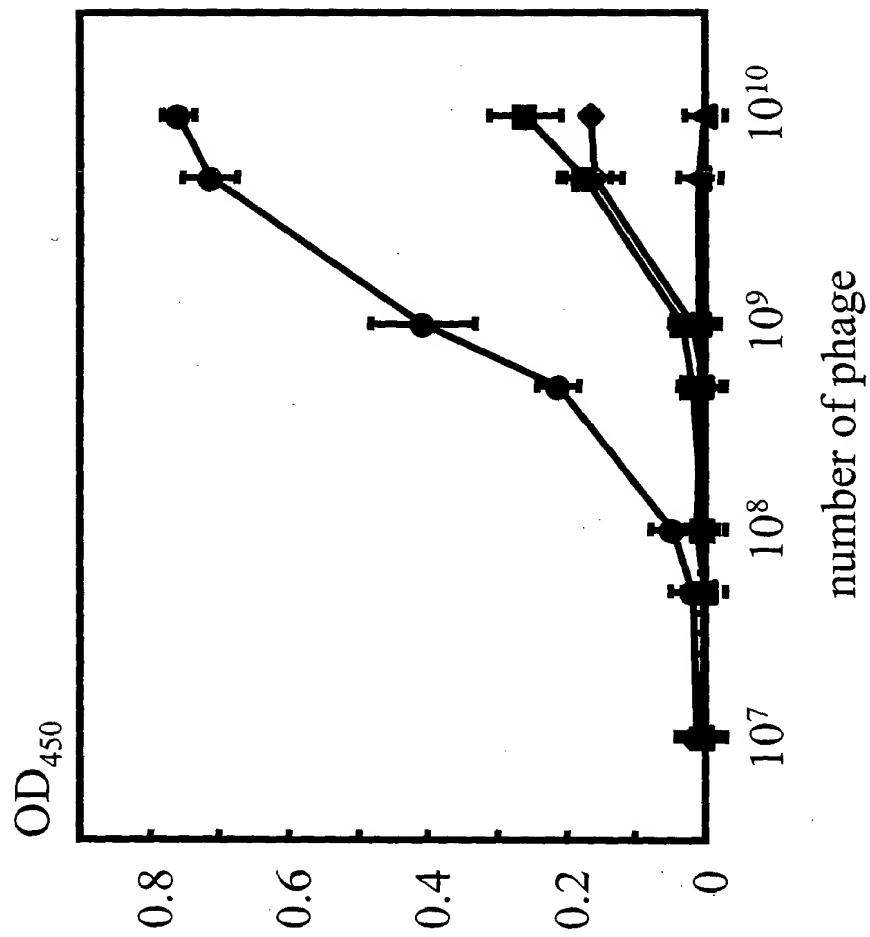


Fig. 12b

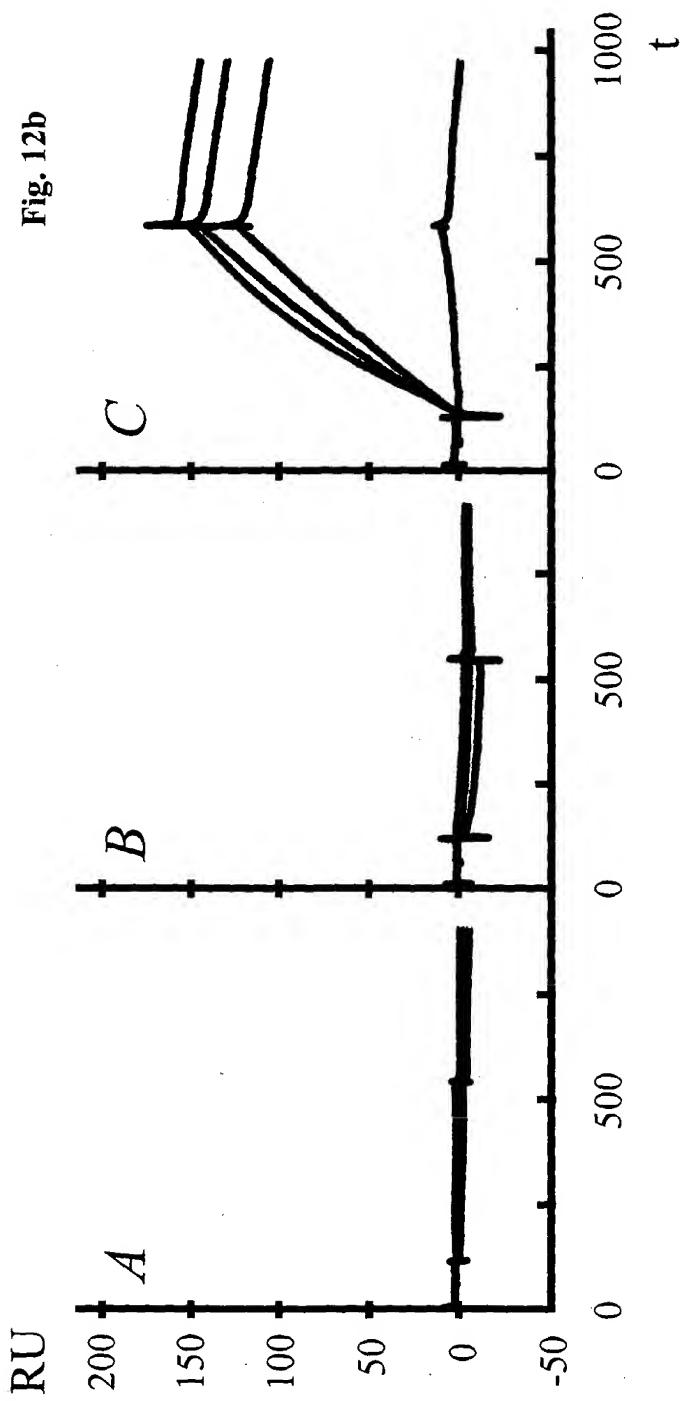


Fig. 13

